

شبكة المعلومات الجامعية







شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

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SOME ANATOMICAL STUDIES ON THE THORACIC WALL OF THE EGYPTIAN BUFFALO

Ву

Ahmed Saber Ibrahim Sayed Ahmed

B.V. Sc. (1994)

Thesis

Presented for the degree of M.V. Sc. (Anatomy)

Under Supervision of

Prof. Dr. Ali A. Mansour

Professor of Anatomy & Embryology and Vice Dean of the Faculty of Vet. Med., (Kafr El-Sheikh), Tanta University

Prof. Dr. Farouk Abd Elmohdy

Professor of Histology
Faculty of Vet. Med.
(Kafr El-Sheikh) Tanta University

Dr. Galal A. E. Youssef

Assistant Professor of Anatomy and Embryology Faculty of Vet. Med. Mansoura University

> Faculty of Veterinary Medicine (Kafr El-Sheikh) Tanta University

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Ja Maria

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Assistant Professor of Anatomy and Embryology Faculty of Vet. Med. Mansoura University

Faculty of Veterinary Medicine .

(Kafr El-Sheikh)

Tanta University

(1999)

Department of Anatomy and Histology Faculty of veterinary Medicine Kafr El-Sheikh Tanta University

APPROVAL SHEET

This is approve that the dissertation presented by Demonstrator / Ahmed Saber Ibrahim Sayed Ahmed to Tanta university entitled (Some Anatomical studies on the thoracic wall of the Egyptian buffalo) for the degree of Master Vet. The examining committee has approved Science (Anatomy and Embryology).

Signature

Ali k. Monson

Prof.Dr.Saber M.S. Abu-zaid

Professor.of Anatomy and Embryology .Fac.of Vet. Med Suez canal University

Prof Dr. Mohamed A.Metwally

Professor and head of Anatomy and Embryology department.
Fac. of Vet Med. Zagazig University(Benha branch)

Prof Dr. Ali .A. Mansour (Supervisor)

Professour .of Anatomy and Embryology
Head of Department of Anatomy and Histology
Fac .Vet.Med Kafr El-Sheikh .
Tanta university .

Prof Dr . Farouk El-Sayed Abd El-Mohdy (supervisor)
Professor of Histology

Fac .Vet Med.Kafr El-Sheikh Tanta University

Dr. Galal Ahmed El-Sayed. (Supervisor)

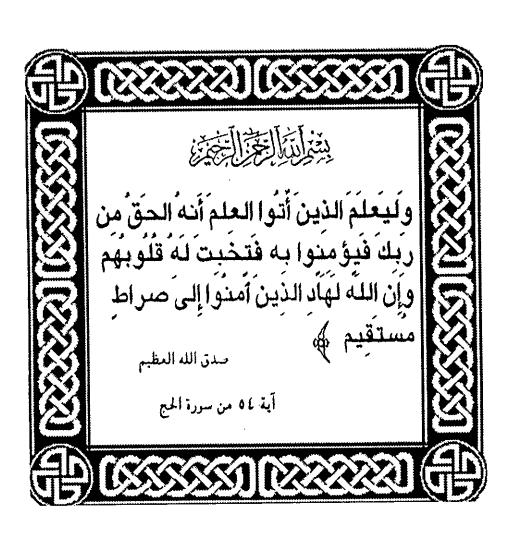
Assistant professor of Anatomy and Embryology Fac .of Vet. Med. Mansoura university

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Date: 2/8/ 1999

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To my Parents

Acknowledgement

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INTRODUCTION

INTRODUCTION

The buffalo is one of the domestic animals used for milk and meat production and plays an important role in the national economy. According to Agricultural Economy Research Institute (1991), the buffalo population has reached 2,633,483 head and produce 1.345,000 metric tons of milk/year and 153.227 tons of meat/year, these amounts represent 65% and 40% of total milk and meat production, respectively; in Egypt. The anatomical knowledge about this animal in general and about the myology, angiology and neuroanatomy of the thoracic wall and the diaphragm specially are meagre.

The available literature about the present investigation lackes a full description on the thoracic walls of buffalo, a few researches were given by Sharma, Barnwal and Dhingra (1981) and Georgy, Ragab, Osman and Labib (1982) for studying the arterial supply to the diaphragm of buffalo, Shehata Ragab, Osman and Labib (1982) and Sharma Bhardwaj and Gupta (1991) for the venous drainage of the diaphragm, and Attia (1987) which deal with the brachiocephalic trunk in buffalo.

Through the lateral thoracic wall we could reach and listen all the organs inside the thoracic cavity and recently, the availability of the positive pressure ventilators encouraged the veterinary surgeons to undertake the thoracic surgery and since the diaphragmatic hernia is a chronic and often fatal disease of buffalo, for these, the study of the anatomical structure of the lateral thoracic wall and the diaphragm in buffalo will help the veterinary surgeons to perform a good operations.

REVIEW OF LITERATURES